

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/587,569
Source: IFWP
Date Processed by STIC: 08/09/2006

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IFWP

RAW SEQUENCE LISTING

DATE: 08/09/2006

PATENT APPLICATION: US/10/587,569

TIME: 10:54:46

Input Set : F:\P-7627-US.txt

Output Set: N:\CRF4\08092006\J587569.raw

3 <110> APPLICANT: University of Pennsylvania
 4 Cappola, Thomas
 6 <120> TITLE OF INVENTION: NOVEL PREDICTORS OF TRANSPLANT REJECTION DETERMINED BY
 PERIPHERAL
 7 BLOOD GENE-EXPRESSION PROFILING
 9 <130> FILE REFERENCE: P-7627-US
 C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/587,569
 C--> 12 <141> CURRENT FILING DATE: 2006-07-31
 14 <160> NUMBER OF SEQ ID NOS: 12
 16 <170> SOFTWARE: PatentIn version 3.3
 18 <210> SEQ ID NO: 1
 19 <211> LENGTH: 487
 20 <212> TYPE: DNA
 21 <213> ORGANISM: Human
 23 <400> SEQUENCE: 1
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 26 agacacggcc aaactgtatc acattgtatg tggatatgtt aattttttta aacatacaga 120
 28 cataaaaatt gctagaaatt accgacaaga aaagcaaatt ttgaataaat tgaattctgg 180
 30 aaatataaaa cggtctgtt tttagaatac aaaatcagat gttaattcct gtgactgact 240
 32 gaatatagaa aggtaacctt aggtctggga cggtggctcg tgcctatagt cctggcactt 300
 34 tgagtggctg aggtgggtgg attgcttgaa accaggagtt cgagaccagc caaggcaaca 360
 36 tggtgaaacc tcatccctac agaaaataca aaaatttgct ggggtgtggtg gcacacacct 420
 38 gtagtctcag ctactcggga ggctgaggtg ggaggattgc ttgagctcag gaggtcgagg 480
 40 cttcagt 487
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 44 <211> LENGTH: 432
 45 <212> TYPE: DNA
 46 <213> ORGANISM: Human
 48 <400> SEQUENCE: 2
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 51 ggaggccaag ggggcagatc acttcaggtc gggagttcca gaccagcctg ttcaacatgg 120
 53 cgaaacccca ttctaccaa actacaaaaa ttagccgggc tcacgcctga aatcccagca 180
 55 ctttgggaga ctgaggagg gtcacctgag gtcaggatgt caagatcaga ctggccaaca 240
 57 gaatgaaacc ctgtctctac aaaaatacaa aaattaggcc ggggtgccgtg gctcatgcct 300
 59 gtaatccag cactttggga ggccgaggcg ggcagatcac aaggtcaggt gatcgagacc 360
 61 atcctggcta acttggtgaa accctgtctc tactaaaaaa aaaatacaga aagttagccg 420
 63 ggcgtggcac ct 432
 66 <210> SEQ ID NO: 3
 67 <211> LENGTH: 368
 68 <212> TYPE: DNA
 69 <213> ORGANISM: Human
 71 <400> SEQUENCE: 3
 72 gaagctttgg gcttcggtgg gtgcaggctc agcgatgaac atctggctgg ggcagctcct 60
 74 ggggagcatc aggggaagagg gggccatgag ccggccagca gtggagacgg cagtccagtt 120

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76 tctctcccct ctgaccccta gaaggggagt tgtagcccca tgaactagtt tcttgtctgg 180
78 gtcaggaaca agggccggct ggggcctggg gtgcagctgg tgtcagggtg tgctgtttgc 240
80 tgatgggagc ggacacccct gcagggtctc gggctctgag cccaggacat tccctgcccc 300
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84 gtgcagcc 368
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88 <211> LENGTH: 302
89 <212> TYPE: DNA
90 <213> ORGANISM: Human
92 <400> SEQUENCE: 4
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95 acacaaatga ataaacataa tccatcacac aaacagaacc aatgacaaaa gccacatgat 120
97 atttacctgt ataccttttt aagtacaaat aaatctgggc tgctattatt tatgctaaca 180
99 ctgggttttg gtccctggaa tctatctatc taagtttttt tttctttttt tctttttcca 240
101 ttttccagta cctattagac agaatggctt tcaatttttt ctcttacttc caaacttagt 300
103 ca 302
106 <210> SEQ ID NO: 5
107 <211> LENGTH: 308
108 <212> TYPE: DNA
109 <213> ORGANISM: Human
111 <400> SEQUENCE: 5
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114 aagtgttggt ctacagtatt actgaagagt ataatggaag taatgtcctg ctgaaaattt 120
116 tctttgagat attaatacatt aataatttat atattgctat ttaatactta cataggtctt 180
118 tagcctttta aaggatttct gtttgacagc ttttataatt gaaagttatt ccattttttt 240
120 tttaattttg catgcttgaa aaagatgaaa acagtgattt aaattatgaa gtatggggcc 300
122 aggtgcag 308
125 <210> SEQ ID NO: 6
126 <211> LENGTH: 556
127 <212> TYPE: DNA
128 <213> ORGANISM: Human
130 <400> SEQUENCE: 6
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133 atcacctaag cctgtgaggt catgggtgca atgagtcatg atcacgccac tgcgctacag 120
135 cctgggagac acagtaagac cctgtctcaa aaaaaagaag tgtgtttctg gccaggcacg 180
137 gtggctcacg cctgtaatcc cagcactttg ggaggcctag gtgggcagat catgaggtca 240
139 ggagttcgag accagcctgg ccaacatggc gaaacacctg tctctactaa aaatacaaaa 300
141 attaggccgg gcgcagtggc tcacacctgt aatcccaaca ctttgggagg ccgacccaga 360
143 tgggtggatc acctgaggtc aggagtttga gaccagcctt gacaacatgg tgaaaccca 420
145 tctctggtag aaatataaaa aattaaccgg gcatgggtgg ggacgcctgt aatcccagct 480
147 acttgggagg ctgaggcaga ataatcgctt gaaccagga ggcagaggtt gcagtaagcc 540
149 aagatcgtgc ctctgc 556
152 <210> SEQ ID NO: 7
153 <211> LENGTH: 302
154 <212> TYPE: DNA
155 <213> ORGANISM: Human
157 <400> SEQUENCE: 7
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160 acacaaatga ataaacataa tccatcacac aaacagaacc aatgacaaaa gccacatgat 120

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162 atttacctgt ataccttttt aagtacaaat aaatctgggc tgtcattatt tatgctaaca 180
164 ctggttttgt gtccttgga tctatctatc taagtttttt tttctttttt tctttttcca 240
166 ttttccagta cctattagac agaattggctt tcaatttttt ctcttacttc caaacttagt 300
168 ca 302
171 <210> SEQ ID NO: 8
172 <211> LENGTH: 444
173 <212> TYPE: DNA
174 <213> ORGANISM: Human
176 <400> SEQUENCE: 8
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179 tgcagtgagc ggagatggcg ccactgcact ccaggctggg cgacagagcg agactccgtc 120
181 tcaaaaacaa accaacaata aaaaaacagg ccgggcgcgg tggctcatgc ctgtaaatac 180
183 cagcactctg ggaggccgag gcgggcggat cagcagggtc ggagttcaag aacagcctga 240
185 ccaacatggt gaaaccccgct ctcaactaaa aatacaaaaa ttagccgtgc gtggtggcac 300
187 gcacctgtaa tcccagctac tcaggaggcc gaggcaggag aatcgcccga acccgggagg 360
189 cagaggctgc agtgatccga gatcacgcca ctgcattcca gcctgggcga cagagcgaga 420
191 tttcatctcg ccgtgggcgg cgac 444
194 <210> SEQ ID NO: 9
195 <211> LENGTH: 538
196 <212> TYPE: DNA
197 <213> ORGANISM: Human
199 <400> SEQUENCE: 9
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202 cccatcagat ttttaatttta tcttctcttt gagagcttgg taataagaag cacttaaatac 120
204 actccaaaga agacttttaa aaggagagcag tgaagaggct ttaataattt attgattgaa 180
206 ttaagaaata ctacttaatt aagaatctga gtctaaacag cacagatttt ttctttctgc 240
208 ttttaaatgt tgttttaaaa aaagagacag ggggctgggc gtggtggctc acgcctgtaa 300
210 tcctagcact ttgggaggcc gaggcgggtg gatcacgagg taggagttaa agaccagcct 360
212 ggccaacatg gcaaaaccct actaaagata caaaaaaaa aaaaaattgg ccaggcgtgg 420
214 tgggtgggtgc ctgtaatccc aggtacttgg aaggctgagg caggagaatc tcttgaacct 480
216 agaaggcgaa ggttgcagtg aaccgagatc atgccattgt actctagcct gggtgaca 538
219 <210> SEQ ID NO: 10
220 <211> LENGTH: 458
221 <212> TYPE: DNA
222 <213> ORGANISM: Human
224 <400> SEQUENCE: 10
225 atttcccatt ttcaaactg acaagttggt cttgatgctg ttattcaaata aactgaaagt 60
227 aaatgggtgt gaacaaggaa tttcagatca cagactcagt aagcctggcc agccccaag 120
229 gctgtgtctt ccttaaagtt gggatctctg tattatctca tactctatag tagagcaata 180
231 aacataagct gacttatgtg atcacttaaa actaccagga agaaacattt tccgtaataa 240
233 atttagtgta ggattgcttt gtcttctcac actcactttt cagaaaagaa aatgtaagta 300
235 ttgccaggcg cggtggctca cacctgtaat ccagcactt tgggaggctg aggcagggtg 360
237 atcacttgag gtcaggagtt ggagaccagc ctggccaaca tggagaaatc ccatctctac 420
239 taaaaataca aaaattagcc ggggtgtagtg gcgcacgc 458
242 <210> SEQ ID NO: 11
243 <211> LENGTH: 221
244 <212> TYPE: DNA
245 <213> ORGANISM: Human
248 <220> FEATURE:

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249 <221> NAME/KEY: misc_feature
250 <222> LOCATION: (155)..(155)
251 <223> OTHER INFORMATION: n is a, c, g, or t
253 <400> SEQUENCE: 11
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256 ttttgttgaa gaaccctcaa gatagttgca aaaagtattt tgaaaagtat aaagtgatgg      120
W--> 258 gtttaaatgta aatgtttttat tcaatactac tatcntctag actaatttgg ttgtagttca      180
260 cattacagta gctgcttcgt aagtgatttt tgggctgggc g                          221
263 <210> SEQ ID NO: 12
264 <211> LENGTH: 229
265 <212> TYPE: DNA
266 <213> ORGANISM: Human
268 <400> SEQUENCE: 12
269 taaatccaat tgctggttate ttttgttttt catggaatat ctgcgcatctc agaacacagt      60
271 ttggggaatca tatttttattt agtgtttttca gatgctatct attatatcta agatatttca      120
273 catttagcca ttcgtttttat aaaaaactcc aggcaaactc agctggactt ttcttgcttt      180
275 aataacagct ttattgagat acaattcaca tatcacgaaa ttctttttta      229

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RAW SEQUENCE LISTING ERROR SUMMARY
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:11; N Pos. 155

VERIFICATION SUMMARY

DATE: 08/09/2006

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Input Set : F:\P-7627-US.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:120